

1999



***Learn More,
Spend Less***

***The Right Tools...
Yesterday, Today and Tomorrow***

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Performance from Design to Delivery

Actron is proud to present its exciting new line of test equipment and instrumentation for both computer-controlled late model and conventional vehicles. Actron products work on the latest technology cars.

U.S.A. Quality

Most of Actron's products are designed and tested in its Cleveland, Ohio, facility to guarantee the highest quality and value in the industry.

Product Development

Actron maintains a large, fully staffed research and development facility with close ties to U.S. and foreign auto makers. Actron even has a professional division called Kal Equip that develops equipment for professional mechanics. This is your guarantee of having the right products for the latest model cars and trucks.

Education and Training

Actron believes that education is essential for increased sales and we help you educate your salespeople as well as the consumer. For the new product line, we offer training videotapes, DIY diagnostic guides and point-of-sale training manuals. Actron products feature instructions in English and Spanish to expand your market.

Packaging and Merchandising

The all new Actron line of products features exciting packaging which combines smaller shelf size with the latest colorful graphics to produce more dollars per square foot.

ORDERING INFORMATION

In addition to your local dealer, all Actron equipment and replacement parts are available directly from the Actron factory. Product catalogs, pricing information and replacement components can be ordered by contacting Actron directly.

By phone:

(216) 651-9200
1-800-228-7667

E-mail address:

sunpro@actron.com

On the World Wide Web:

<http://www.actron.com>

For Technical Support call:

1-800-253-9880

By fax:

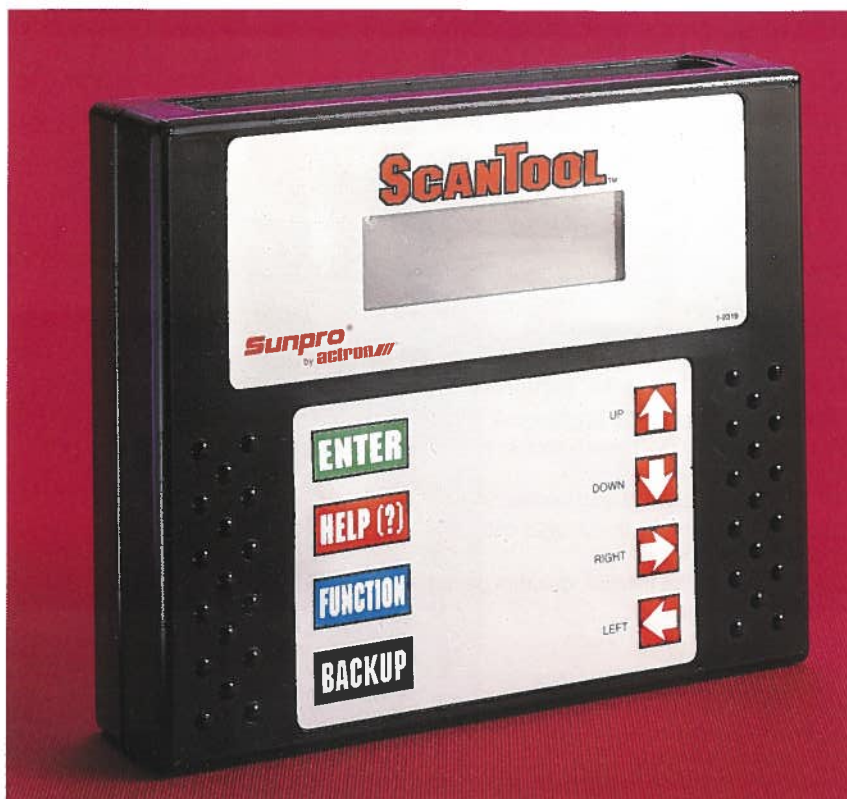
(216) 651-2388

Actron Manufacturing Company

9999 Walford Avenue
Cleveland, OH 44102-4621, USA

actron ///[®]

The ScanTool



**Actron
ScanTool
CP9110**

EASY TO USE!

Simple to operate – Menu driven – Fully integrated
Ruggedly built for both shop and road test use.

- The first affordable, easy to use, ScanTool for the DIY'er
- Lets the user see what the vehicle's computer sees
- Easy to READ 4-line display
- DATA RECORD helps diagnose intermittent problems
- On-line HELP screens
- Complete ON-LINE CODE LIBRARY for code look-up
- Able to display all charts
- Able to customize all charts
- Uses latest scan tool technology: the powerful 16-bit Intel® processor
- MADE IN U.S.A.

Intel® is a registered trademark of Intel Corporation.



Easy to hook up



Displays real-time sensor data

Low-cost, interactive Diagnostic Analyzer for 1984-1995 cars, trucks and vans.

OBDII capable

Complete data-recording and monitoring for driveability troubleshooting.



CARRYING CASE
AND POWER CORD
INCLUDED

CARTRIDGE/CABLE PACKAGES

CP9111 GENERAL MOTORS 1984-1995

- Read codes
- Erase codes
- View data
- Record data
- Playback data
- Field service mode
- Diesel
- Saturn (93-95)

CP9113 CHRYSLER 1989-1995

- Read codes
- Erase codes
- View data
- Record data
- Playback data
- Sensor input test
- Switch state test
- AIS actuator test
- Controller data
- EMR reset (trucks)
- Actuator tests

CP9112 FORD EEC-IV 1984-1995

- Read KOEO/KOER codes
- Continuous monitor mode
- Cylinder balance
- IVSC speed control
- ABS brakes
- STAR tester mode
- DCL data
 - View data
 - Record data
 - Playback data

FORD MCU 1984-1995

- Read KOEO/KOER codes
- STAR tester mode

FORD MECS (Mazda, Probe) 1984-1995

- Read KOEO/KOER codes
- STAR tester mode

CP9114 OBD II Generic Systems

- Read codes
- Clear codes
- View data
- Freeze frame
- Oxygen sensor test
- Continuous test
- Non-continuous test
- Request control on on-board test

Computer-System Diagnostics



CODE SCANNER™ Car Computer Code Reader

Actron OBD II DIAGNOSTIC TESTER CP9035

This easy-to-use hand-held diagnostic tool is an economical way to access a vehicle's on-board system.

Retrieves ALL generic OBD II diagnostic codes on ALL OBD II compliant vehicles: Domestic, Asian, European.

- Codes are shown on the bright, easy to read LCD display
- Four LED's show the type of trouble codes being displayed: Power Train, Body, Chassis and Network (UART).
- Three buttons let user Read codes, Scroll through codes and Erase codes.
- The diagnostic connector (J1962) cable is attached to the tester. This cable is also the power supply.
- Detailed instruction manual includes generic (SAE-J2012) code definitions.
- Full one-year warranty.
- Made in U.S.A.



*Experience
"Computer-ease."
Access computer
trouble codes with
Actron's safe,
easy-to-use tools.*

*More than just a
description of the
tool, the fully
illustrated manual
is a mini-course in
electronic engine
controls. Included
are sections with
detailed steps for
reading codes,
using additional
diagnostic
features,
extensive code
definitions,
instructive
glossary and
tutorials on engine
computer basics.*

*Instructions in
English and
Spanish.*

Made in U.S.A.



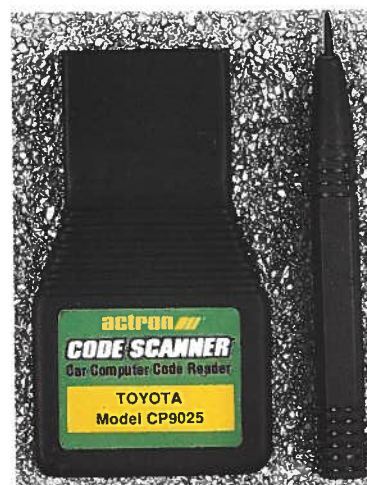
Actron GM Code Scanner CP9001

- Engine and ABS codes
- Plug in to the on-board computer
- Trouble codes flash on dash-board "Check Engine" light
- Made in U.S.A.



Actron Ford Code Scanner CP9015

- Audio and visual indicators for reading codes.
- Built-in battery eliminates cables.
- Accesses Ford's self-test system.
- Made in U.S.A.



Actron Toyota/Honda/Nissan Code Scanner CP9025

- Access the on-board computer.
- Trouble codes flash on dashboard "Check Engine" light or computer module.
- Made in U.S.A.

Electronics Testers



Actron PEAK KV TESTER CP7870



Measures ignition firing voltage – lets you compare one cylinder's ignition firing voltages to another.

- Easy to Use
- Locate ignition problems fast
- Fast hookup
- Tests for conventional and inverted firing.
- Works on distributor and DIS systems
- Tests all 4-stroke gasoline engines with unshielded secondary wires
- 10-LED array to display KV
- Capacitive clamp
- Ground clamp
- Displays real time secondary voltage
- Made in U.S.A.

The unique features of these tools let you troubleshoot driveability problems and maintain peak performance.



Actron Electronic Tool Kit CP9900

Tools for in-depth, in-store diagnosis of today's automotive electronics

Includes one (1) each of the following:

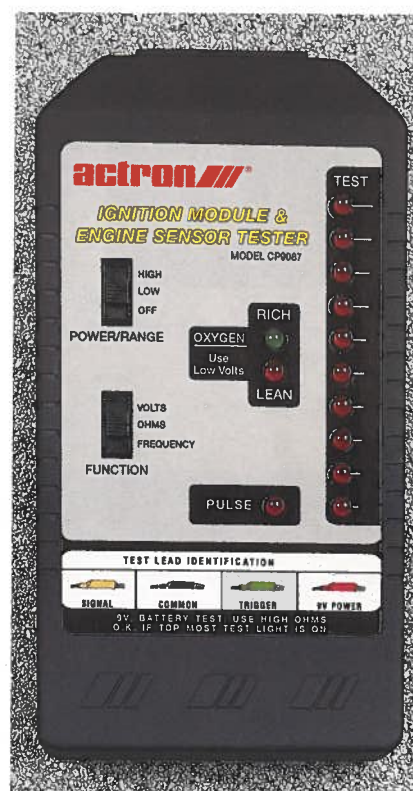
- CP7678 Digital Engine Analyzer
- CP9001 GM Code Scanner
- CP9015 Ford Code Scanner
- CP9025 Import Code Scanner
- CP9080 Sensor Tester Plus
- CP9085 Sensor Probe
- Sunpro Training Video
- Troubleshooting Chart
- Carry Case

Actron CP9087 Ignition Module and Sensor Tester

A convenient, easy to use tool designed to combine all of the ignition module, igniter and sensor testing features of the CP9080 Sensor Tester Plus, CP9085 Sensor Probe and CP9083 Import Sensor Tester Plus.

- For GM, Ford, Chrysler, Honda, Toyota and Nissan vehicles.
- Test ignition modules and igniters
- Test most sensors
- Also tests: Continuity, diodes and wiring
- Easy to use instruction manual details hook up and test procedures.
- Back probe included for in-circuit testing.
- 9-volt battery operated.
- Computer safe.
- Made in U.S.A.

SENSOR TESTER ALL-IN-ONE



Actron Sensor Tester Plus CP9080

- Tests most vehicle sensors on or off vehicle
- Find faulty sensors on cars and trucks
- Test ignition modules for GM, Ford, Chrysler
- Also tests: DC idle speed control motors, Continuity, Diodes
- Battery voltage wiring
- Overload protected
- Battery operated – no cables
- Computer safe
- Fully illustrated manual
- Instructions in English and Spanish
- Made in U.S.A.

SENSOR TESTER PLUS



Analyzers



Actron Diagnostic Multimeter CP7680

Performs complete tune-up and troubleshooting tests on computer-controlled, as well as older vehicles. Includes automotive tests such as tach and dwell. Tests fuel injectors, sensors, alternators, spark plug wires, ignition and charging systems, battery condition and cranking voltage.

- Amps test for measuring vehicle accessories
- 3-1/2 digit .8" high display
- Automatic power shut-off
- Detachable color coded leads with booted alligator clips
- Automatic reverse polarity indicator
- Overload protection on all ranges
- Automatic zero adjust

Includes:
Color-coded test leads
Thermocouple
Test clips
Detailed instructions



Actron Digital Engine Analyzer CP7678

A smaller version of the CP7680 with many of the same test functions, including Tach, Dwell, Volts, Ohms and Diode Check.

- Easy-to-read digital LCD
- Detachable heat-resistant, color coded leads with booted alligator clips
- Automatic reverse polarity indication
- Overload protection on all ranges
- Automatic zero adjust on all functions



Actron Digital Multimeter CP7674

Economical multimeter for home or garage use.

- Large digital display
- Color coded leadset
- Battery operated
- Computer safe
- Instructions in English and Spanish

Actron's line of digital multimeters and engine analyzers offers a wide range of features, functions and prices.



Actron Penmeter CP7682

Easy-to-use, hand held digital multimeter

- For home and auto use
- Easy-grip design with interchangeable probes and alligator clip
- Tests AC and DC volts, ohms, diodes; continuity with audible tone
- 3 1/2 digit display
- Autoranging
- Data Hold
- Low battery indicator
- Soft carry case



	CP7680	CP7678	CP7674
Functions	Range	Range	Range
OHMS	320-32M	200 - 2M	200 - 2M
DC Amps	320μA-15A	320μA-15A	320μA-15A
DC Volts	320mV-1000V	200mV-200V	200m-1000V
Diode check	Yes	Yes	Yes
Continuity	Yes	Yes	Yes
Duty cycle	Yes	Yes	
Dwell	Yes 4,5,6 & 8	Yes 4, 5, 6 & 8	
Tach	Yes 0-8000	Yes 0-8000	
Auto power off	Yes	Yes	
Auto reverse polarity	Yes	Yes	
Auto zero adjust	Yes	Yes	
Audible tone	Yes	Yes	
Overload protection	Yes	Yes	
AC Volts	3.2V - 750V		200 - 750V
DC Current	32mA - 320mA		2mA-2A
AC Amps	320μA-15A		
AC Current	32mA - 320mA		
Frequency	Yes		
Temperature	Yes		
Autorange	Yes		
Bar Graph	Yes		
DIS on data channel	Yes		
Data hold	Yes		
Low battery	Yes		
Hold/Capture/Freeze	Yes		
Features			
9-volt power	Yes	Yes	Yes
Color coded probes	Yes	Yes	Yes
10 Megohm	Yes	Yes	Yes
Detailed manual	Yes	Yes	Yes
Inductive pick up	Yes		
Thermocouple	Yes		
Alligator clips	Yes		

Actron Dwell/Tach/Volts CP7605

For basic testing of ignition and starting systems

Tests conventional and electronic ignitions, plus starting/charging systems on domestic and imported vehicles.

Ranges: Tach
Dwell
Volts



Actron Backprobe Adapters CP7862

Safely probes circuits without piercing cables or wires. Two sizes for a wide range of applications.



Sunpro Pocket Electrical Tester CP7848

- 5-function, 18-range: DC volts, AC volts, DC current, Ohms, Decibels
- Fuse protection on all functions and ranges
- Easy-to-read scale
- Detachable, color-coded leads



Sunpro Battery Load Tester CP7612

Test Functions:

- Full 100 amp load testing capacity
- Works on 6 and 12 volt batteries
- Performs voltage test, as well as 15-second battery load testing
- 0-16 volt scale with color coded load test ranges

Features:

- Rugged, precise 3" Jeweled D'Arsonval meter with zero adjust
- Chrome plated steel housing with handle and test lead clamp holders and rubber feet on back
- Heavy duty spring loaded momentary test switch
- Manganese wire resistance element shunt grid
- Extra heavy 14 gauge twelve-inch leads with strain reliefs and color coded insulated copper plated steel battery post clamps



Test and Tune Accessories

Fuel Pressure Tester Kit CP7818

- Safely test vehicle fuel pressure systems:
- Fuel pump check valve
 - Fuel rail pop-off pressure
 - Fuel rail deterioration
 - Leaking injectors
 - Large, easy-to-read 0-100 psi scale
 - Solid brass fittings
 - Pressure relief valve for safe, clean testing
 - Instructions in English and Spanish
 - Made in U.S.A.

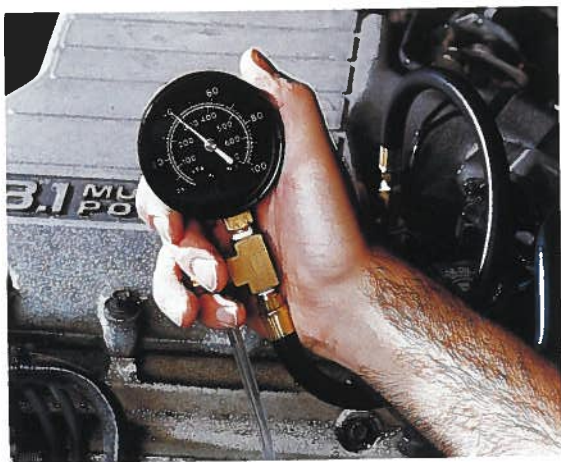


Fuel Injector & Harness Tester CP7819

- This hand-held tool is used along with a fuel pressure gauge to check fuel injectors and their wiring harness for:
- Clogged or leaking injectors
 - No-idle light to test faulty driver signal
 - Sticky or sluggish injectors
 - Injector continuity

Features:

- Color coded battery clips
- Injector adapter to test most systems
- Harness adapter
- Powered by vehicle battery
- Instruction manual details hook up and test procedures
- Made in U.S.A.



Compression Tester Kit CP7827

This professional compression kit detects worn rings, burnt valves and blown head gaskets

- 14mm long reach adapter included. Required for many late model vehicles
- Quick release hose disconnects from gauge for faster, easier use
- Full 2-1/2" diameter easy to read face
- Both U.S. and metric scales
- 14" high pressure flexible oil and grease resistant hose
- 14mm and 18mm ends fit most spark plug openings
- Made in U.S.A.



Stem Compression Tester CP7821

This handy push-in compression tester has the same scale range as the CP7827. Universal rubber adapter fits all spark plug holes. Allows you to measure pressure within the combustion chamber as the piston comes up on compression stroke.

- 0-300 PSI, 0-2100 Kilopascal scale



Sunpro Compression Tester CP7826

- 14" flexible oil and grease resistant hose
- Full 2-1/2" diameter easy to read face
- Both U.S. and metric scales
- External pressure relief valve
- 14mm and 18mm ends fit most spark plug openings

**Sunpro
Vacuum &
Pressure Tester
CP7802**

- Hose and "T" adapter included
- Chrome plated steel case
- U.S. and metric scales
- 2-1/2" diameter face



**Actron
Vacuum & Pressure Tester Kit
CP7803**

Fine tunes carburetion and timing peak for maximum fuel economy. Easy to read 0-30 inches vacuum and 0-10 pounds of pressure scales with metric scales also shown.

Complete with hose and adapters. Designed to check:

- Fuel pump pressure
- Mechanical condition of the engine
- Vacuum control system function
- Leaks in the intake manifold, manifold and head gaskets, piston rings, valves and vacuum lines
- 3-1/2" diameter face



**Actron
Brake Bleed Kit
CP7840**

Allows you to bleed brakes without the mess. Use with CP7830 Vacuum Pump. Adapters included for all vehicle brake systems.

- Tapered 90° adapters
- Air sealing lubricant
- Can be used to siphon fluids
- Made in U.S.A.



**Actron
Hand Vacuum Pump
CP7830**

Check vacuum operated components on cars and trucks, including distributor advance mechanisms, heater and air conditioning baffles, PCV & EGR valves, headlight cover doors, and transmission modulators.

- Rugged steel handle frame
- Solid brass cylinder, cylinder head and piston
- 24" hose with tapered hose adapter
- Cushioned handle grips
- Barbed brass hose fitting frame
- Made in U.S.A.



**Sunpro
Remote Starter Switch
CP7851**



- Easy to use unit works on domestic and import starters
- Heavy duty contacts and case
- Oil and grease resistant leads

**Actron
Remote Starter Switch
CP7853**

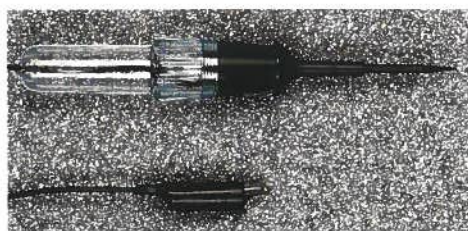
Allows one person to start or crank engine from under the hood. Ideal for compression test or bumping engine onto TDC (top dead center) timing marks for valve, distributor or camshaft adjustment.

- Power tool type trigger switch
- Heavy duty Neoprene leads
- Alligator clips with insulated boots
- Made in U.S.A.



**Sunpro
Circuit Tester
CP7844**

- Economy tester
- Easy to use.



**Sunpro
LED Circuit Tester
CP7847**

Tests spark plug wires, 12V car/truck batteries, 4-13V variable DC voltage, household 110/220 AC, DC wire/circuit



- LED lights indicate voltage level,
- Piercing probe for in-circuit testing
- Easy-grip design for safe handling

Timing Lights



CP7519 Advance Knob for checking computer advance.

Actron Timing Advance Analyzer CP7519

Adjustable advance knob with scale reading in direct degrees. Accurately check basic ignition timing, vacuum advance, centrifugal advance and computer advance.

- Heavy chrome plated metal housing with rubber nose cone
- Molded inductive pick-up
- Works on all foreign and domestic 12 volt gasoline engines
- Detachable heavy duty leadset

All timing lights feature:

- Molded inductive pickup that clamps over spark plug wire for easy hookup
- Linear Xenon flash tube and focused Fresnel lens
- Solid state circuitry
- Work on all domestic and foreign 12-volt gasoline engines
- Complete illustrated instructions in English and Spanish
- Power tool type trigger switch
- Heavy duty leads with color coded insulated battery clamps

MADE IN U.S.A.



Actron Inductive Timing Light CP7504

- Molded inductive pick-up
- Works on all foreign and domestic 12 volt gasoline engines
- Shockproof, high impact Styrene housing
- Made in U.S.A.



Actron Chrome Inductive Timing Light CP7515

- Heavy chrome plated metal housing with rubber nose cone
- Molded inductive pick-up
- Works on all foreign and domestic 12 volt gasoline engines
- Detachable heavy duty leads
- Made in U.S.A.



Actron DC Power Timing Light CP7520

- Works on all foreign and domestic 12 volt battery engines
- Shockproof, high impact Styrene housing
- Made in U.S.A.

Tachometers

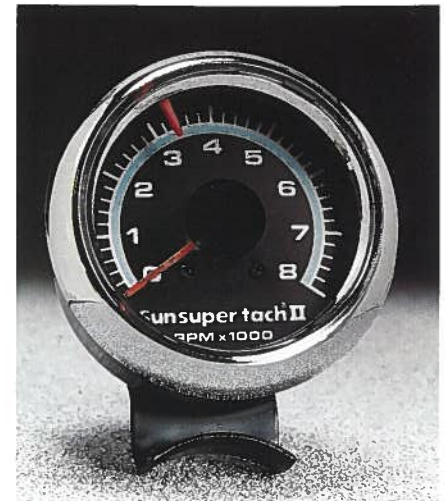
Sun Super Tachs® are the world's best recognized tachometers. Highly accurate. Fast needle response – 90% of full scale in 4/10th of a second.

- Internal dial lighting
- Air core meters
- Adjustable red line pointers
- Works on 4, 6 or 8 cylinder, 12 volt negative ground engines
- Functions with OEM electronic or breaker-point, C3I and most aftermarket ignition systems (not magnetos)
- Includes mounting hardware



Sun Super Tach II Mini CP7908

- 0-8,000 RPM scale
- 2-5/8" dial face
- 250° dial sweep
- Chrome bezel



Sun Super Tach II CP7901

- 0-8,000 RPM scale
- 3-3/8" dial face
- 250° dial sweep
- Chrome bezel



Sunpro Mini Tachometer CP7906

- Black bezel
- 0-8,000 RPM scale
- 2-5/8" dial face
- 250° dial sweep



Sunpro Tachometer CP7909

- Black bezel
- 0-8,000 RPM scale
- 3-3/8" dial face
- 250° dial sweep



Sunpro Sport Drag'n Tach CP7918

- Air core meter
- 0-10,000 RPM scale
- Adjustable shift light
- Adjustable red line
- Unique back lighting
- 5" dial face
- 250 degree sweep
- Made in U.S.A.



2" Gauge Kits



**Sunpro
Ammeter
CP7981**

- 60 - 0 - 60 amp scale
- Requires hook-up wire (see owner's manual for recommended wire size)



**Sunpro
Mechanical Oil Pressure
CP7982**

- 0 - 100 psi and 0 - 70 Kg/CM² scales
- Includes 72" high-temperature nylon tubing, 1/8" and 1/4" NPT fittings supplied



**Sunpro
Mechanical Water/Oil Temperature
CP7983**

- 100° - 280°F and 40° - 140°C scales
- Includes 72" tubing and 1/2" NPT thread adapter



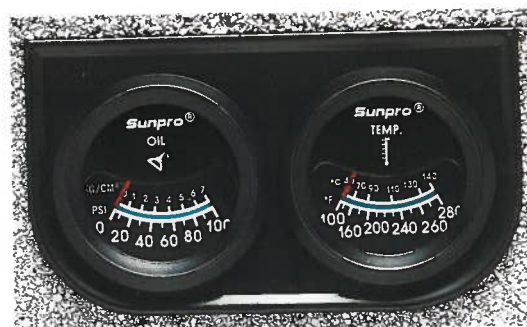
**Sunpro
Vacuum
CP7984**

- 0 - 30" and 0 - 75CM range
- Includes 72" tubing, tee and screw-in fitting
- Instructions tell how to improve fuel economy using this gauge



**Sunpro
Electrical Voltmeter
CP7985**

- 0 - 18 volts range
- Requires hook-up wire (available from most auto parts stores)
- Monitors battery and charging circuit operation



**Sunpro
Dual Gauge Kit
CP7991**

- Oil Pressure CP7982
- Water/Oil Temperature CP7983



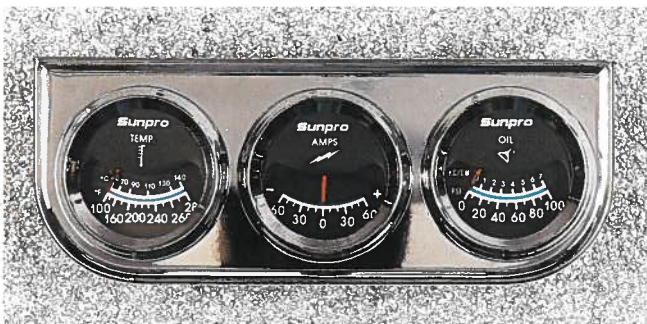
Sunpro
Triple Gauge Kit w/Amps
CP7995

- Ammeter CP7981
- Oil Pressure CP7982
- Water/Oil Temperature CP7983



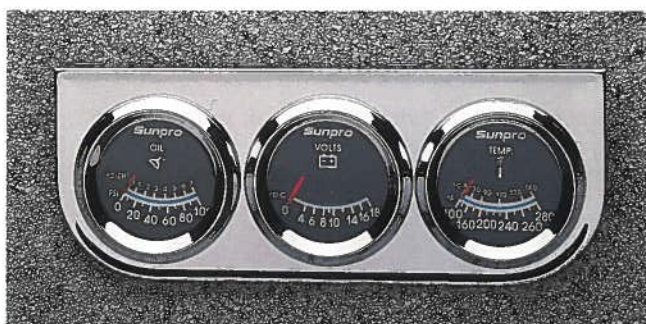
Sunpro
Triple Gauge Kit w/Volts
CP7994

- Voltmeter CP7985
- Oil Pressure CP7982
- Water/Oil Temperature CP7983



Sunpro
Chrome Triple Gauge Kit w/Amps
CP7999

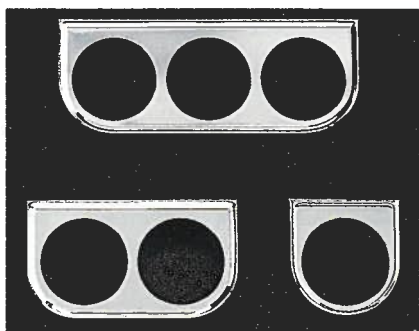
- Ammeter
- Oil Pressure
- Water/Oil Temperature



Sunpro
Chrome Triple Gauge Kit w/Volts
CP7996

- Voltmeter
- Oil Pressure
- Water/Oil Temperature

2" Panels

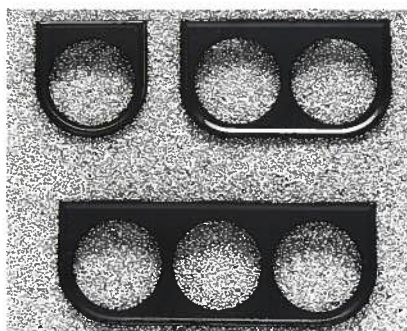


Chrome plated steel panels for gauge installation.

Sunpro Triple Mounting Panel
CP7581

Sunpro Dual Mounting Panel
CP7580

Sunpro Single Mounting Panel
CP7579



Satin black steel panels for gauge installation.

Sunpro Triple Mounting Panel
CP7550

Sunpro Dual Mounting Panel
CP7551

Sunpro Single Mounting Panel
CP7552

Sport Series



Sunpro Sport Drag'n Tach CP7918

- Air core meter
- 0-10,000 RPM scale
- Adjustable shift light
- Adjustable red line
- Unique back lighting
- 5" dial face
- 250 degree sweep
- Made in U.S.A.



*High performance...
a dramatic racing look...
and the Actron quality you rely on.*

Gauges with the same bold look as the Drag'n Tach.

These 2-5/8" performance gauges feature:

- Satin black panel and bezel
- Classic white on black dials
- Internal lighting



Sunpro Sport Mechanical Water Temperature Gauge CP1201

- 100-280°F range
- 270 degree dial sweep



Sunpro Sport Mechanical Oil Pressure Gauge CP1202

- 0-100 psi range
- 270 degree dial sweep



Sunpro Sport Electrical Voltmeter CP1203

- 10-18 volt range
- 60 degree dial sweep



Sunpro Sport Triple Gauge Kit CP1204

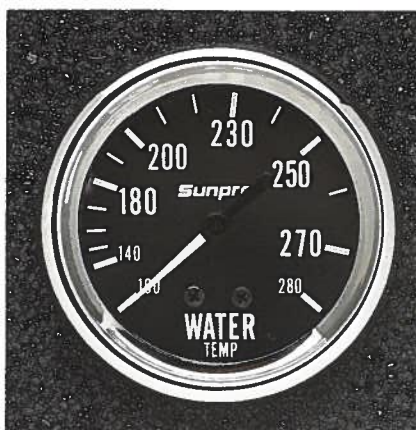
- Voltmeter
- Oil Pressure
- Water Temperature

2 5/8" Performance Series



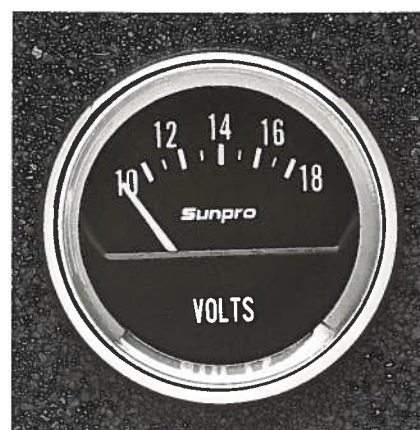
**Sunpro
Mechanical Oil Pressure
CP8061**

- 0-100 psi range
- 270° dial sweep



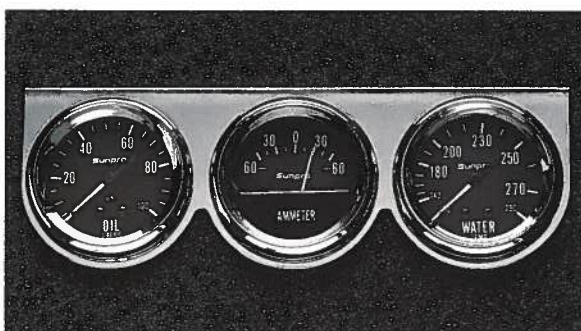
**Sunpro
Mechanical Water Temperature
CP8062**

- 100°-280°F range
- 270° dial sweep
- Includes 72" capillary tube with 1/2" NPT thread



**Sunpro
Voltmeter
CP8064**

- 10-18 volt range
- 60° dial sweep



**Sunpro
Mechanical Triple
Gauge Kit
CP8075**

- Removable chrome bezels
- Snap-on black bezels included
- Ammeter
- Oil Pressure CP8061
- Water Temperature CP8062

Features classic white on black dials with white pointers and your choice of red or white internal lighting. Alternate snap-on chrome bezels included.



2 5/8" Chrome Accessories



**Sunpro
Single
Mounting Panel
CP7538**

Durable chrome plated steel panel for single gauge installations.



**Sunpro
Mounting Cup
CP7543**

Chrome plated steel cup and bracket with mounting hardware for single gauge installations.

Aviation Gauges



**Sunpro
Mechanical Water Temperature
CP8080**

- 100-250°F Range
- 300 degree dial scale
- Bourdon tube movement



**Sunpro
Mechanical Oil Pressure
CP8081**

- 0-100 psi range
- 300 degree dial scale
- Bourdon tube movement



**Sunpro
Ammeter
CP8082**

- 90 degree dial scale
- 60-0-60 amp range



**Sunpro
Electrical Water Temperature
CP8083**

- 90 degree dial scale
- 100-250°F range



**Sunpro
Voltmeter
CP8084**

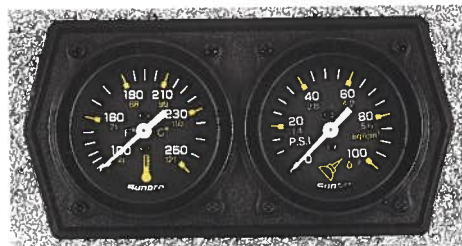
- 90 degree dial scale
- 3-17 volt range



**Sunpro
Mechanical Vacuum
CP8085**

- 300 degree dial scale
- 0-30 inch range
- Bourdon tube movement

**Aircraft instrument styled panels
for classic cockpit design. Gauges
rotate and panels pivot for easy
above- or below-dash installation.**



**Sunpro
Mechanical Dual
Gauge Kit
CP8086**

- Oil Pressure CP8081
- Water Temperature CP8080



**Sunpro
Mechanical Triple Gauge Kit
CP8087**

- Oil Pressure CP8081
- Water Temperature CP8080
- Ammeter CP8082



**Sunpro
Electrical Triple Gauge Kit
CP8088**

- Oil Pressure
- Water Temperature CP8083
- Voltmeter CP8084

1 1/2" Mini Gauges



**Sunpro
Ammeter
CP7940**

Monitors charging system output.

- 60-0-60 amp scale
- 70° sweep scale
- Requires hook-up wire (see owner's manual for recommended wire size)



**Sunpro
Mechanical Oil Pressure
CP7941**

- 0-100 psi and 0-70 Kg/cm² scales
- 270° sweep scale
- Includes 72" high temperature nylon tubing, 1/8" and 1/4" NPT fittings



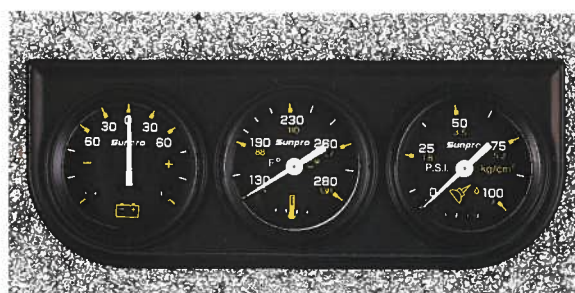
**Sunpro
Mechanical Water/Oil Temperature
CP7942**

- 100°-280°F and 40°C-140°C scales
- 270° sweep scale
- 12 volt internal lighting
- Includes 72" capillary tubing and 1/2" NPT adapter



**Sunpro
Mini Triple Gauge Kit
CP7997**

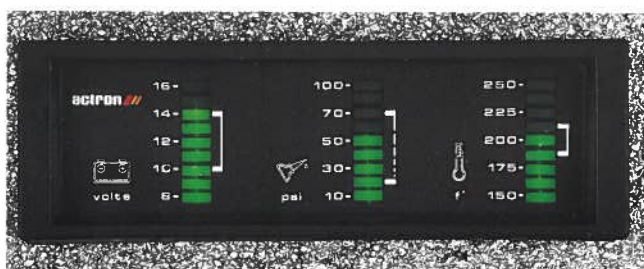
- Ammeter CP7940
- Oil Pressure CP7941
- Water/Oil Temperature CP7942



**Sunpro
Mini Triple Gauge Kit
CP8090**

- Ammeter
- Oil pressure
- Water/Oil temperature

Electronic Tach & Gauge



**Sunpro
Electronic Triple Gauge Kit
CP8095**

Segmented LED graphic display for each function
Controlled backlighted scale for easy day or night reading

- Volts
- Oil pressure
- Water temperature



**Sunpro
Electronic Power Curve Tachometer
CP8098**

Segmented LED graphic display marks RPM ranges
Controlled backlighted scale for easy day or night reading

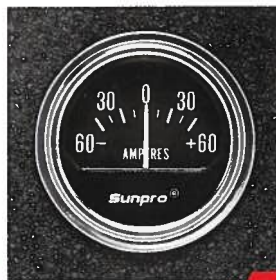
- 0-8,000 RPM scale
- 250 RPM per LED
- Mounts on or below dash

2" Replacement Gauges & Speedometer



**Sunpro
Fuel Level
CP7950**

- E - 1/4 - 1/2 - 3/4 - F range
- 60° scale
- Requires CP7583 fuel level sender



**Sunpro
Ammeter
CP7954**

- 60 - 0 - 60 amp range
- 60° scale
- Requires hook-up wire (see owner's manual for recommended wire size)



**Sunpro
Voltmeter
CP7955**

- 8 - 18 volt range
- 60° scale
- 12 volt internal lighting
- Requires hook-up wire



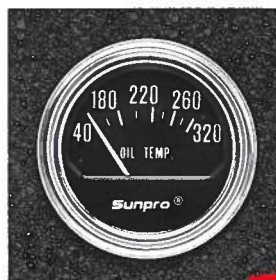
**Sunpro
Electrical Water
Temperature
CP7956**

- 100° - 280°F range
- 60° scale
- Requires CP7576 sender with 1/8" NPT threads (other senders will not operate)



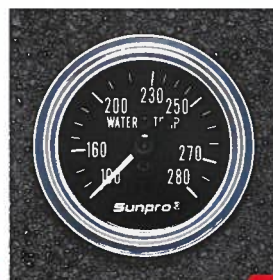
**Sunpro
Electrical Oil Pressure
CP7957**

- 0 - 100 psi range
- 60° scale
- Requires CP7577 sender with 1/8" NPT threads



**Sunpro
Electrical Oil
Temperature
CP7971**

- 140° - 320°F range
- 60° scale
- Requires CP7576 sender with 1/8" NPT thread



**Sunpro
Mechanical Water
Temperature
CP7975**

- Quick response gauge with Bourdon tube mechanism.
- 100° - 280°F range
- 270° scale
- 12 volt internal lighting
- Includes 72" capillary tube with 1/2" NPT thread



**Sunpro
Mechanical Oil
Temperature
CP7976**

- 100° - 340°F range
- 270° scale
- 72" capillary tube with 1/2" NPT thread supplied



**Sunpro
Mechanical Oil
Pressure
CP7977**

- 0 - 100 psi range
- 270° scale
- Requires CP7554 or CP7584 tubing kit



**Sunpro
Mechanical Vacuum
CP7978**

- 0-30" range
- 270° scale
- Bourdon tube mechanism
- Requires CP7575 tubing kit



**Sunpro
Mechanical Fuel
Pressure
CP7980**

- 0 - 15 psi range
- 270° scale
- Requires CP7584 1/8" metal tubing or equivalent (nylon tubing is not recommended)

Gauge Installation Accessories



Sunpro Reducer Bushing Adapter Kit CP7553

For electric oil pressure sender. Includes 1/4", 3/8" and 1/2" NPT to 1/8" NPT threads.



Sunpro Nylon Tubing Kit CP7554

Includes 72" of 1/8" high temperature nylon tubing, tube fittings and 1/4" brass reducer bushing adapter. Order CP7553 or CP7573 if other sizes are needed. Use on gauges without barbed fittings (CP7977 and CP7978). Not recommended for fuel pressure gauges.



Sunpro Temperature Sender Adapter Kit CP7555

Includes 2 brass bushings to adapt mechanical oil or water temperature gauges to 1/4" and 3/8" NPT external threads.



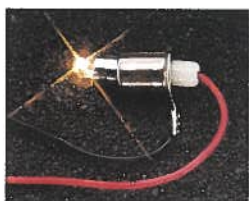
Sunpro Oil Pressure Tee Adapter Kit CP7556

Tee fitting to operate both 1/8" NPT OEM warning light sender and 1/8" NPT oil pressure gauge. Includes 1/8" x 1/8" x 1/8" NPT tee and 1/8" NPT nipple.



Sunpro Illumination Kit CP7557

For 12 volt industrial tachometers, speedometers and 2" gauges with "snap-in" socket assembly. Uses G.E. 363 or equivalent replacement bulb.



Sunpro Illumination Kit CP7572

For 12 volt 2" gauges (current models) with "slide-in" socket assembly. Uses G.E. 363 or equivalent replacement bulb.



Sunpro Metric Adapter Kit CP7573

Includes 5 brass bushings for adapting electrical and mechanical gauges/senders (except mechanical temperature gauges) to metric thread engines.
M10 x 1.0 to 1/8" NPT
M12 x 1.0 to 1/8" NPT
M14 x 1.5 to 1/8" NPT
M16 x 1.5 to 1/8" NPT
1/8 - 28 BSP to 1/8" NPT



Sunpro Temperature Gauge Metric Adapter Kit CP7574

Includes 2 brass bushings for adapting mechanical temperature gauges or senders to metric thread engines.
M14 x 1.5 to 5/8" x 18 NPT
M16 x 1.5 to 5/8" x 18 NPT



Sunpro Vacuum Gauge Tubing Kit CP7575

Fits all vacuum gauges with barb fitting. Includes 72" of 3/16" plastic tubing, tee and 1/8" NPT to 3/16" I.D. nipple. Metric Adapter Kit CP7573 available.



Sunpro Temperature Sender CP7576

For use with electrical oil/water temperature gauges. Has 1/8" NPT thread. Order CP7553 if another adapter size is needed. Metric Adapter Kit CP7573 will also work with this sender.



Sunpro Oil Pressure Sender CP7577

For use with electric oil pressure gauges. Has 1/8" NPT threads and 1/4" NPT. Metric Adapter Kit CP7573 available.



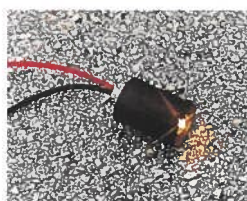
Sunpro Fuel Level Sender CP7583

For use with fuel level gauges and 5 - 26" deep tank. Includes gasket and mounting hardware.



Sunpro Copper Tubing Installation Kit CP7584

Includes all fittings and 72" of 1/8" copper tubing. 1/8" and 1/4" NPT engine fittings and 1/8" NPT gauge fitting.



Sunpro Mini Gauge Illumination Kit CP7593

For use with 12 volt 1-1/2" gauges with "slide-in" socket assembly.



This warranty does not apply to damages caused by accident, alterations, or improper or unreasonable use. Expendable items, such as batteries, fuses, lamp bulbs, and flash tubes, also are excluded from the scope of this warranty.

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ACTRON MANUFACTURING COMPANY
9999 Walford Ave., Cleveland, OH 44102
(216) 651-9200 • FAX (216) 651-2388

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